

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Previously presented) A system for modifying an application according to operating environment parameters comprising:

a display component comprising an application browser that provides for a user to specify an application to be modified and an operating environment browser that provides for user selection of at least a target-operating environment in a network;

an interrogation component that determines parameters associated with the operating environment for the application;

a modification component that automatically modifies the application based at least in part upon the determined parameters so that it will function as desired within the execution environment; and

the modification component interacts with a virtual code component to configure generic code of the application in accordance with the determined parameters of the operating environment, wherein the generic code of the application is independent of the underlying platform.

2. (Original) The application modifier system of claim 1, employed in an industrial automation environment.

3. (Original) The application modifier system of claim 1, being a computer-implemented software application.

4. (Original) The interrogation component of claim 1, utilizing an artificial intelligence technique to determine parameters associated with an operating environment for the application.

5. (Original) The modification component of claim 1, utilizing an artificial intelligence technique to configure the application based at least upon the determined parameters.
6. (Original) The application modifier system of claim 1, further comprising an application and parameter data store that stores at least one application and at least one parameter interrogation question.
7. (Original) The application modifier system of claim 1, further comprising a history component that stores historical application configurations.
8. (Cancelled)
9. (Original) The application modifier system of claim 1, further utilizing a wireless network.
10. (Currently amended) An application modifier system, comprising:
 - an application browser to specify an application to be modified;
 - an operating environment browser that provides for user selection of targeting at least an operating environment with the application;
 - an interrogation component that determines parameters associated with an operating environment for the application;
 - a modification component that automatically configures a platform-independent generic template of the application based at least in part upon the determined parameters so that it will function as desired within the execution environment; and
 - a virtual code component that utilizes .NET virtual machine code-ability mechanisms to convert managed code of the generic template into native computer assembly, the virtual code component interacting with the modification component.

11. (Original) The application modifier system of claim 10, the virtual code component that utilizes .NET to morph the application code to an underlying platform at runtime.
12. (Original) The application modifier system of claim 10 utilizes at least one industrial automation programming language.
13. (Original) The application modifier system of claim 10, employed in an industrial automation environment.
14. (Original) The application modifier system of claim 10, being a computer-implemented software application.
15. (Original) The interrogation component of claim 10, utilizing an artificial intelligence technique to determine parameters associated with an operating environment for the application.
16. (Original) The modification component of claim 10, utilizing an artificial intelligence technique to configure the application based at least upon the determined parameters.
17. (Original) The application modifier system of claim 10, further comprising an application and parameter data store that stores at least one application and at least one parameter interrogation question.
18. (Original) The application modifier system of claim 10, further comprising a history component that stores historical application configurations.
19. (Cancelled)
20. (Original) The application modifier system of claim 10, further utilizing a wireless network.

21. (Currently amended) A method for modifying an application based upon defining parameters of an operating environment comprising:
- selecting at least one application to be modified from an application browser;
 - employing an operating environment browser to locate at least one operating environment to be targeted in a network;
 - determining parameters associated with the operating environment for the application *via* interrogation; and
 - modifying and/or automatically configuring a platform-independent version of the application to the at least one operating environment based at least in part upon the determined parameters *via* interaction with a virtual code component.
22. (Original) The application modifier method of claim 21, employed in an industrial automation environment.
23. (Original) The application modifier method of claim 21, being a computer-implemented software application.
24. (Original) The application modifier method of claim 21, employing an artificial intelligence technique to determine parameters associated with an operating environment for the application.
25. (Original) The application modifier method of claim 21, employing an artificial intelligence technique to configure the application based at least upon the determined parameters.
26. (Original) The application modifier method of claim 21, further comprising storing at least one application and at least one parameter interrogation question.
27. (Original) The application modifier method of claim 21, further comprising storing historical application configurations.

28. (Cancelled)
29. (Currently amended) The application modifier method of claim 21, the network further comprising a wireless network.
30. (Currently amended) A method for modifying applications according to operating environment parameters, comprising:
- designing and developing generic applications that can be deployed across a plurality of operating environments;
 - specifying a generic application to be modified and a target operating environment in a network *via* a display component;
 - determining parameters associated with the operating environment for the application *via* interrogation;
 - modifying and/or automatically configuring the generic application based at least in part upon the determined parameters, allowing the generic application to function as desired within the execution environment; and
 - converting managed code determined from the generic application into native computer assembly utilizing .NET virtual machine code-ability mechanisms.
31. (Original) The application modifier method of claim 30, further comprising .NET to morph application code to an underlying platform at runtime.
32. (Original) The application modifier method of claim 30 utilizing at least one industrial automation programming language.
33. (Original) The application modifier method of claim 30, employed in an industrial automation environment.
34. (Original) The application modifier method of claim 30, being a computer-implemented software application.

35. (Original) The application modifier method of claim 30, employing an artificial intelligence technique to determine parameters associated with an operating environment for the application.
36. (Original) The application modifier method of claim 30, employing an artificial intelligence technique to configure the application based at least upon the determined parameters.
37. (Original) The application modifier method of claim 30, further comprising storing at least one application and at least one parameter interrogation question.
38. (Original) The application modifier method of claim 30, further comprising storing historical application configurations.
39. (Original) The application modifier method of claim 30, further comprising displaying at least one application and at least one operating environment.
40. (Currently amended) The application modifier method of claim 30, ~~further utilizing a wireless network~~ the network further comprising a wireless network.
41. (Currently amended) An application modifier system comprising:
an interrogation means for determining parameters associated with an operating environment for an application;
a modification means for automatically configuring a generic template of the application based at least in part upon the determined parameters so that it will function as desired within the execution environment, wherein the generic template is independent of an underlying platform;
and
a display means ~~for employing an application browser that facilitates for facilitating~~ user selection of the application ~~and the operating environment~~, the display means provides for user selection of at least a target-operating environment in a network.

42. (Currently amended) An application modifier system, comprising:
- means for specifying an application to be modified and a target-operating environment;
 - means for determining parameters associated with an operating environment for the application;
 - means for automatically configuring generic code of the application based at least in part upon the determined parameters so that it will function as desired within the execution environment; and
 - means for morphing managed code obtained from the generic code of the application into native computer assembly utilizing .NET virtual machine code-ability mechanisms, the morphing based on parameters of the operating environment.